

Wright State University

CORE Scholar

Computer Science & Engineering Syllabi

College of Engineering & Computer Science

Fall 2009

CS 242: Computer Programming III

Mateen M. Rizki

Wright State University - Main Campus, mateen.rizki@wright.edu

Follow this and additional works at: https://corescholar.libraries.wright.edu/cecs_syllabi



Part of the [Computer Engineering Commons](#), and the [Computer Sciences Commons](#)

Repository Citation

Rizki, M. M. (2009). CS 242: Computer Programming III. .
https://corescholar.libraries.wright.edu/cecs_syllabi/294

This Syllabus is brought to you for free and open access by the College of Engineering & Computer Science at CORE Scholar. It has been accepted for inclusion in Computer Science & Engineering Syllabi by an authorized administrator of CORE Scholar. For more information, please contact library-corescholar@wright.edu.

CS 242 Computer Programming III

Instructor: Dr. M. M. Rizki
Office: 432 Russ Engineering
Phone: 775-5117
Email: mateen.rizki@wright.edu
Office Hours: Tuesday and Thursday 2:30– 3:30 PM
and by appointment

Textbook: *Data Structures & Other Objects Using C++*,
by Michael Main and Walter Savitch, Addison-Wesley, 2005

Language: Microsoft Visual C++
(Microsoft Visual Studio 2008 is available as a free download
for WSU students at www.dreamspark.com)

Workload:	4	Programming Assignments (@ %9)	36%
	1	Midterm Examination	20%
	8	Laboratory Projects (@3%)	24%
	1	Final Examination	20%

Grading: 90-100 A, 80-89.9 B, 70-79.9 C, 60-69.9 D, below 60 F

Week	Topics	Reading
1-2	Basic C++ Syntax (C++ vs Java) C++ Classes and Container Classes	Lecture Chapter 1-3
3-4	Pointers and Linked Lists	Chapters 4 and 5
5	Templates, Iterators and STL	Chapter 6
6	Stacks and Queues	Chapter 7-8
7-8	Recursion (Review) Binary Trees	Chapter 9 Chapter 10
9	Searching Sorting	Chapter 12.1 Chapter 13
10	Inheritance, Polymorphism and Virtual Functions	Chapter 14